LINKSYS® by Cisco

Special Instructions for DIRECTV Customers

Please use this guide for installation instructions, and disregard the contents of the Start Here envelope in the Linksys package.

QUICK INSTALLATION GUIDE

Dual-Band Wireless-N Gaming Adapter Internet Connection Kit

Model: WGA600N

Package Contents

- Dual-Band Wireless-N Gaming Adapter
- CD-ROM with User Guide and Setup Wizard
- Quick Installation
- 2 ft Network Cable
- Power Adapter

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Overview

The DIRECTV® Receiver has been customized to work with the Linksys by Cisco Gaming Adapter for the DIRECTV ON DEMAND service. The Internet Connection Kit creates a wireless connection between your wireless router and your DIRECTV Receiver, so your DIRECTV Receiver can access the Internet. The Quick Installation Guide describes how to connect and set up the Gaming Adapter for use with your DIRECTV Receiver.

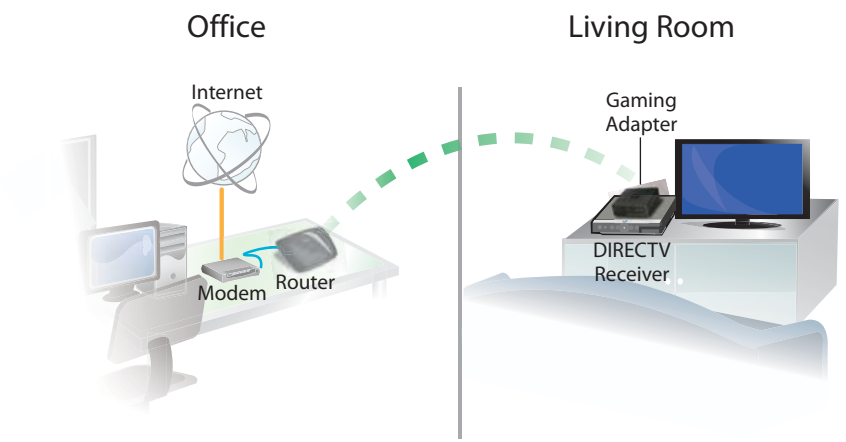


Diagram of a Typical Installation

NOTE 1: Because of continued user interface improvement, the screens you see on your TV may differ slightly from the ones seen in this Quick Installation Guide; however, DIRECTV has verified that the instructions are accurate and will help you get connected to the DIRECTV ON DEMAND service.

1 Connection

Before you begin the installation of the Gaming Adapter, make sure your DIRECTV Receiver and TV are powered on. Also make sure you can connect to the Internet through your wireless router and computer.

A. Plug the power adapter into the Power port of the Gaming Adapter.

Connect Power to Gaming Adapter

B. Plug the other end of the power adapter into an electrical outlet.

Connect Power to Electrical Outlet

NOTE 2: Advanced Users Only—If your router supports Wi-Fi Protected Setup and you want to use this option, proceed to page 11, "**Wi-Fi Protected Setup**". If your router uses WEP security (an encryption method that is designed to help keep your data safe) for your wireless network, please note that WEP is not supported by Wi-Fi Protected Setup.

C. Connect one end of the network cable to the Ethernet port of the Gaming Adapter.

Connect Network Cable to Gaming Adapter

D. Connect the other end of the included network cable to the Ethernet port of your DIRECTV Receiver. (If the DIRECTV Receiver has dual ports, connect the cable to the top port.)

Connect Network Cable to DIRECTV Receiver, model number: HR20 700

Connect Network Cable to DIRECTV Receiver, model number: HR21

NOTE 3: If you use an Ethernet switch to connect your devices, then follow these instructions:

1. Connect the Gaming Adapter to your switch.
2. Disconnect the DIRECTV Receiver from the switch for ten seconds.
3. Re-connect the DIRECTV Receiver to your switch.

E. Wait until the Power and Ethernet LEDs on the front panel of the Gaming Adapter light up.

Power and Ethernet LEDs Light Up

NOTE 4: Do not stack any devices on top of the Gaming Adapter; otherwise, they may interfere with its wireless performance.

2 Setup

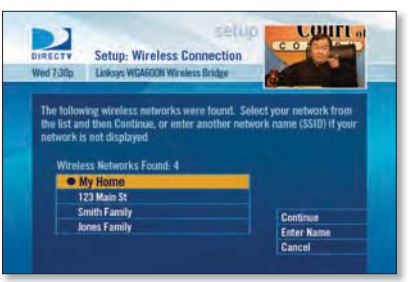
The TV automatically displays instructions to follow. Use the **Select** button on your DIRECTV Remote to make your choices.

A. The TV asks if you want to configure the Gaming Adapter. Select **Configure Now** to continue.

Wireless Adapter Found
We have detected a wireless adapter: Linksys WGA600N.
Would you like to configure this device now?
Configure Now
Configure Later

Select Set Up Now

B. The TV displays a list of wireless networks. Highlight your wireless network, and press **Select** to display a blue dot next to your network. Then select **Continue**.


DIRECTV
Setup: Wireless Connection
Wed 7:30p
Linksys WGA600N Wireless Bridge
The following wireless networks were found. Select your network from the list and then Continue, or enter another network name (SSID) if your network is not displayed
Wireless Networks Found: 4
My Home
123 Main St
Smith Family
Jones Family
Continue
Enter Name
Cancel

Select Your Wireless Network

If your network is not displayed, then the Gaming Adapter may be experiencing interference problems while connecting to your wireless router. Try placing the Gaming Adapter in an elevated or alternate location. Also make sure you do not have anything on top of the Gaming Adapter.

Advanced Users:

If you are using a hidden wireless network name (SSID), then select **Enter Name**, and follow these instructions.

1. Enter your hidden network name (SSID), and then select **OK**. Refer to Note 5 for help.

Connected via the Internet
Specify Wireless Network SSID
Enter the name of your home wireless network (SSID) below using the NUMBER keys on your remote.
OK
Cancel

Enter Wireless Network Name (SSID)

2. If your network uses security, then enter the security key, and select **Continue**. Refer to Note 5 for help.

setup
DIRECTV
Setup: Wireless Connection
Wed 7:30p
Linksys WGA600N Wireless Bridge
We detected that the wireless network you selected is protected. Please use the NUMBER keys to enter the security key for the protected wireless network.
Security Key:
Key # (1-4):
Check All
Continue
Cancel

Enter Security Key

NOTE 5: Use the number keypad on your DIRECTV Remote to enter characters. For different characters, press the button repeatedly until you see the desired characters. If you are entering the security key, press the **down** arrow, NOT the right arrow, and then select **Continue**. (If you press the right arrow, you will enter a space and will not be able to proceed.)

C. If your network does not use wireless security, then the next screen you see will be in step E. Proceed to step E, and follow the instructions on the screen in step E.

If your network uses wireless security, then you may see either of the screens shown, depending on the encryption method you are using.

Use the number keypad on your DIRECTV Remote to enter the security key. Refer to Note 5 on how to use the DIRECTV Remote to enter characters. (If you are using WEP security, enter the 10 or 26 hexadecimal characters that match your wireless security key. Hexadecimal characters are numbers, "0" to "9", and letters, "A" to "F".)

Then select **Continue**.

Setup: Wireless Connection
We detected that the wireless network you selected is protected. Please use the NUMBER keys to enter the security key for the protected wireless network.
Security Key:
Key # (1-4):
Check All
Continue
Cancel

Enter Security Key (WEP)

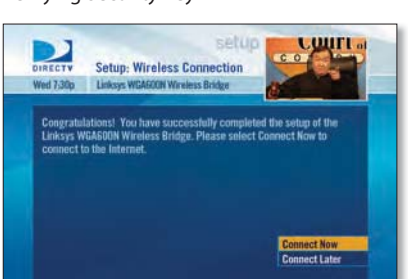
Setup: Wireless Connection
We detected that the wireless network you selected is protected. Please use the NUMBER keys to enter the security key for the protected wireless network.
Security Key:
Continue
Cancel

Enter Security Key (WPA)

D. Please wait until the security key is verified.

Verifying Security Key

E. To connect the DIRECTV Receiver to the Internet, select **Connect Now**.


Setup: Wireless Connection
Congratulations! You have successfully completed the setup of the Linksys WGA600N Wireless Bridge. Please select Connect Now to connect to the Internet.
Connect Now
Connect Later

Select Connect Now

F. The DIRECTV Receiver is connected to the Internet. To proceed, select **Continue**.

If you do not see the *Congratulations* screen, call DIRECTV at the number provided below.

Select Continue

G. Please read the information on this screen. Then select **Done**.

setup
DIRECTV
Wed 7:30p
Connected via the Internet
You have successfully connected your receiver to your home network and the internet. Your internet connection gives you access to DIRECTV On Demand, our video on demand service. Over the next 24 hours, your receiver will gather all the DIRECTV On Demand program data. All DIRECTV On Demand channels and programs will not be available until the end of the 24 hour period.
Done

Select Done

Congratulations! Setup is complete.

NOTE 6: If you are having difficulty connecting to the Internet or need more information, visit the DIRECTV website at **www.directv.com/ondemand**, or call DIRECTV at 1-800-531-5000.

Wi-Fi Protected Setup

IMPORTANT: If you have completed the previous section, "2: Setup", you do not need to follow the instructions in this section, "Wi-Fi Protected Setup". Your setup is complete.

Use Wi-Fi Protected Setup to create a wireless connection between the Gaming Adapter and your router.

A. On your router, press the button that looks like one of the icons in the picture.

Press the Wi-Fi Protected Setup Button on the Router

B. Wait until the Wi-Fi Protected Setup button flashes.

Within two minutes, press the Wi-Fi Protected Setup button on the Gaming Adapter (this button looks like the icon in the picture). The Security LED flashes while the router is connecting to the Gaming Adapter.

Press the Wi-Fi Protected Setup Button on the Gaming Adapter

C. The Wireless LED of the Gaming Adapter lights up. If your wireless network uses wireless security, then the Security LED of the Gaming Adapter also lights up.

If the Wireless LED does not light up, then repeat steps A and B. If there are issues with Wi-Fi Protected Setup, follow the instructions in the previous sections, "1: Connection" and "2: Setup".

Wireless and Security LEDs Light Up

D. Connect one end of the network cable to the Ethernet port of the Gaming Adapter.

Connect Network Cable to Gaming Adapter

E. Connect the other end of the included network cable to the Ethernet port of your DIRECTV Receiver. (If the DIRECTV Receiver has dual ports, connect the cable to the top port.)

Connect Network Cable to DIRECTV Receiver, model number: HR20 700

Connect Network Cable to DIRECTV Receiver, model number: HR21

F. Wait until the Ethernet LED of the Gaming Adapter lights up.

Wireless and Security LEDs Light Up

NOTE 7: Do not stack any devices on top of the Gaming Adapter; otherwise, they may interfere with its wireless performance.

G. Wait for two minutes to let the DIRECTV Receiver establish a connection with the Gaming Adapter.

During this time, a pop-up window may appear, asking you to set up now or later; do NOT make a selection at this time.

H. After two minutes, if the pop-up window remains, select **Set Up Now** to continue. The pop-up window should disappear. You should now be connected to the Internet.

I. To verify connection to the Internet, press the **Menu** button on your DIRECTV Remote. Go to **Parental, Fav's & Setup > System Setup > Network > Repeat Setup**.

J. To proceed, select **Continue**.

When the DIRECTV Receiver is connected to the Internet, the *Congratulations* screen appears.

Connecting to the Internet

K. If you do not see the *Congratulations* screen, unplug the Ethernet cable from the DIRECTV Receiver for ten seconds. Then plug it back in, and follow the instructions in the section, "2: Setup". Otherwise, call DIRECTV at the number provided below.

Congratulations! Setup is complete.

NOTE 8: If you are having difficulty connecting to the Internet or need more information, visit the DIRECTV website at **www.directv.com/ondemand**, or call DIRECTV at 1-800-531-5000.

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For troubleshooting help, contact DIRECTV. For additional information about the Gaming Adapter, refer to the User Guide on the CD-ROM.

DIRECTV Support
800-531-5000

DIRECTV Website
http://www.directv.com/ondemand

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